2011, November 25
data subject to change

High brightness light

Tornado Performance

High performance energy-saving lamp. This lamp is the best combination of high energy efficiency and extra compact size. Additional advantage of it is very long life time.

Benefits

- High performance in small size
- Saves up to 85% energy and saves money
- Last for a very long time.

Features

- Long lifetime
- Large number of swichting cycles
- Low mercury content

Application

- Replacement of incandescent lamps both in professional and home applications (hotels, restaurants, shops).
- Not suitable for dimming.
- Decorative look. Lamps can be used in places where they are directly visible, adding some decorative effect.

PHILIPS
sense and simplicity

Related products

15W, E27

20W, E27

23W, E27

15W, B22

20W, B22

23W, B22

12W, E14

12W, E26/E27

12W, B22

8W, E14

Related products

8W, E26/E27

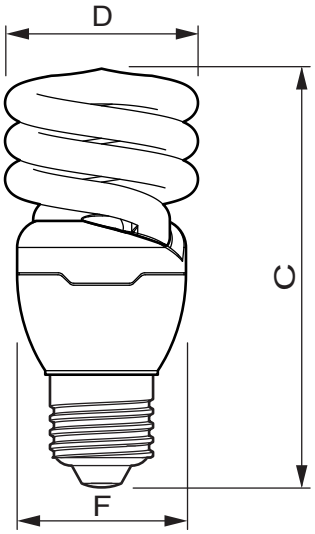
8W, B22

5W, E14, T2

5W, E26/E27

5W, B22

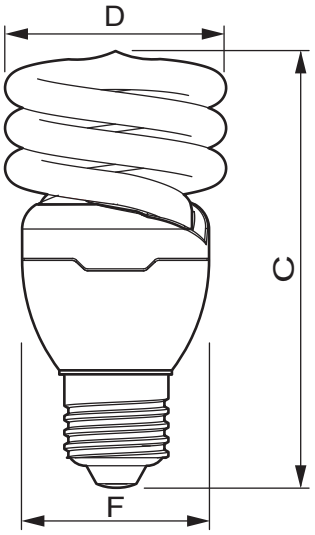
Dimensional drawing



15W, E27

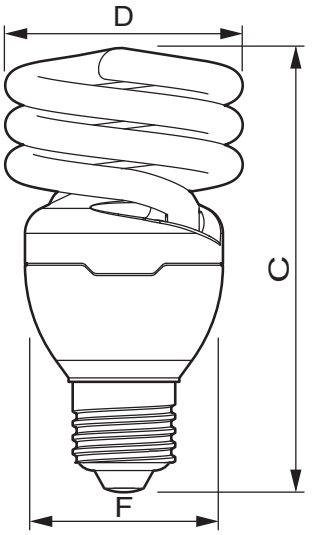
Product	C (Max)	D (Max)	F (Max)
QSPIR-F 15W/827 E27 220-240V 50/60Hz	107.5	51.5	42.5
QSPIR-F 15W/827 E27 220-240V 50/60Hz	107.5	51.5	42.5
QSPIR-F 15W/827 E27 220-240V 50/60Hz	107.5	51.5	42.5
QSPIR-F 15W/865 E27 230-240V 50/60Hz	107.5	51.5	42.5
QSPIR-F 15W/865 E27 230-240V 50/60Hz	107.5	51.5	42.5
QSPIR-F 15W/840 E27 220-240V 50/60Hz	107.5	51.5	42.5
QSPIR-F 15W/840 E27 220-240V 50/60Hz	107.5	51.5	42.5

Dimensional drawing



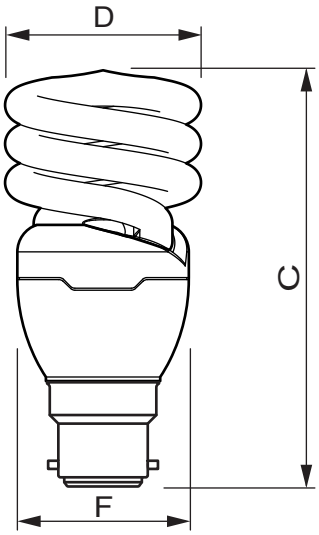
20W, E27

Product	C (Max)	D (Max)	F (Max)
QSPIR-F 20W/827 E27 220-240V 50/60Hz	111.5	56.5	47
QSPIR-F 20W/827 E27 220-240V 50/60Hz	111.5	56.5	47
QSPIR-F 20W/827 E27 220-240V 50/60Hz	111.5	56.5	47
QSPIR-F 20W/865 E27 230-240V 50/60Hz	111.5	56.5	47
QSPIR-F 20W/865 E27 230-240V 50/60Hz	111.5	56.5	47
QSPIR-F 20W/840 E27 220-240V 50/60Hz	111.5	56.5	47
QSPIR-F 20W/840 E27 220-240V 50/60Hz	111.5	56.5	47



23W, E27

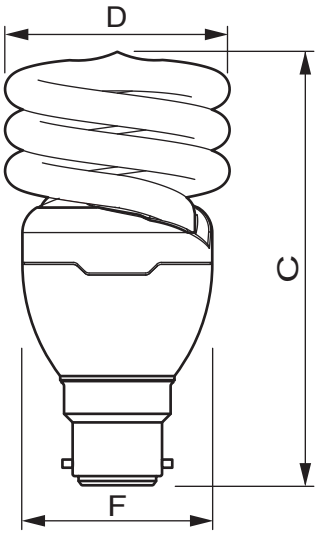
Product	C (Max)	D (Max)	F (Max)
QSPIR-F 23W/827 E27 220-240V 50/60Hz	118.5	61.5	50.5
QSPIR-F 23W/827 E27 220-240V 50/60Hz	118.5	61.5	50.5
QSPIR-F 23W/827 E27 220-240V 50/60Hz	118.5	61.5	50.5
QSPIR-F 23W/865 E27 230-240V 50/60Hz	118.5	61.5	50.5
QSPIR-F 23W/865 E27 230-240V 50/60Hz	118.5	61.5	50.5
QSPIR-F 23W/840 E27 220-240V 50/60Hz	118.5	61.5	50.5
QSPIR-F 23W/840 E27 220-240V 50/60Hz	118.5	61.5	50.5



15W, B22

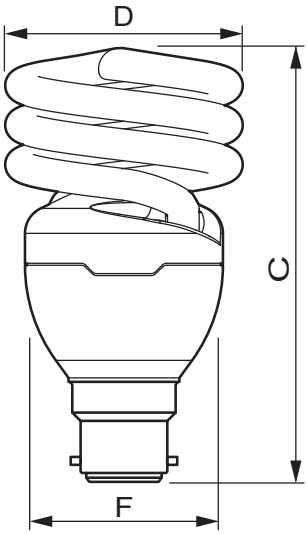
Product	C (Max)	D (Max)	F (Max)
QSPIR-F 15W/827 B22 220-240V 50/60Hz	106.0	51.5	42.5
QSPIR-F 15W/827 B22 220-240V 50/60Hz	106.0	51.5	42.5
QSPIR-F 15W/827 B22 220-240V 50/60Hz	106.0	51.5	42.5
QSPIR-F 15W/865 B22 220-240V 50/60Hz	106.0	51.5	42.5
QSPIR-F 15W/840 B22 220-240V 50/60Hz	106.0	51.5	42.5

Dimensional drawing



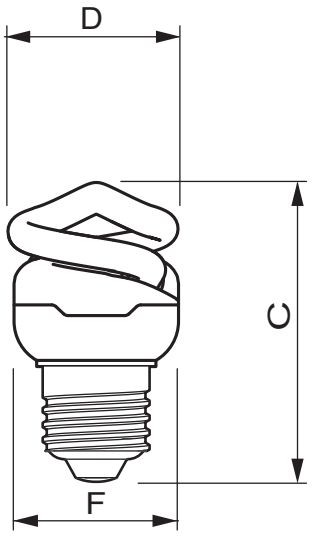
20W, B22

Product	C (Max)	D (Max)	F (Max)
QSPIR-F 20W/827 B22 220-240V 50/60Hz	110.0	56.5	47
QSPIR-F 20W/827 B22 220-240V 50/60Hz	110.0	56.5	47
QSPIR-F 20W/827 B22 220-240V 50/60Hz	110.0	56.5	47
QSPIR-F 20W/865 B22 220-240V 50/60Hz	110.0	56.5	47
QSPIR-F 20W/840 B22 220-240V 50/60Hz	110.0	56.5	47



23W, B22

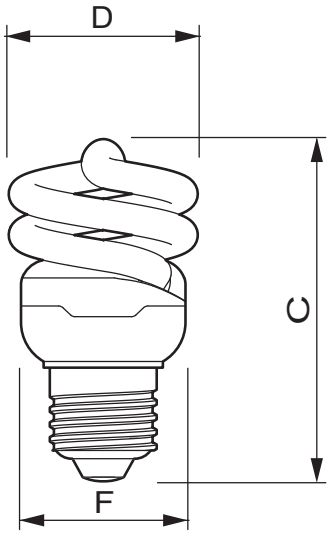
Product	C (Max)	D (Max)	F (Max)
QSPIR-F 23W/827 B22 220-240V 50/60Hz	117	61.5	50.5
QSPIR-F 23W/827 B22 220-240V 50/60Hz	117	61.5	50.5
QSPIR-F 23W/827 B22 220-240V 50/60Hz	117	61.5	50.5
QSPIR-F 23W/865 B22 220-240V 50/60Hz	117	61.5	50.5
QSPIR-F 23W/840 B22 220-240V 50/60Hz	117	61.5	50.5



5W, E26/E27

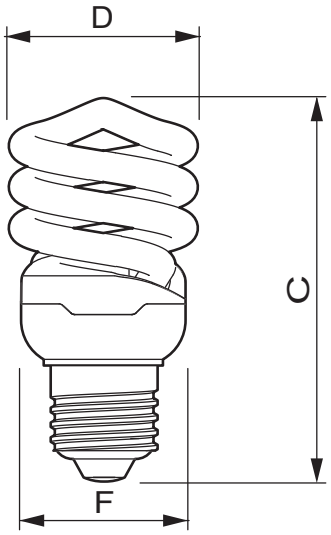
Product	C (Max)	D (Max)	F (Max)
QSPIR-F 5W/827 E27 220-240V 50/60Hz	78.0	43.5	40.5
QSPIR-F 5W/865 E27 220-240V 50/60Hz	78.0	43.5	40.5
QSPIR-F 5W/840 E27 220-240V 50/60Hz	78.0	43.5	40.5

Dimensional drawing



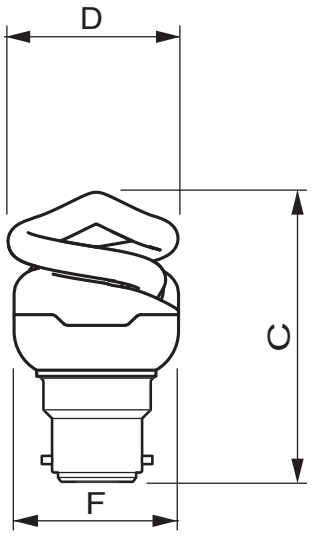
8W, E26/E27

Product	C (Max)	D (Max)	F (Max)
QSPIR-F 8W/827 E27 220-240V 50/60Hz	86.5	47.5	40.5
QSPIR-F 8W/827 E27 220-240V 50/60Hz	86.5	47.5	40.5
QSPIR-F 8W/865 E27 220-240V 50/60Hz	86.5	47.5	40.5
QSPIR-F 8W/865 E27 220-240V 50/60Hz	86.5	47.5	40.5
QSPIR-F 8W/840 E27 220-240V 50/60Hz	86.5	47.5	40.5
QSPIR-F 8W/840 E27 220-240V 50/60Hz	86.5	47.5	40.5



12W, E26/E27

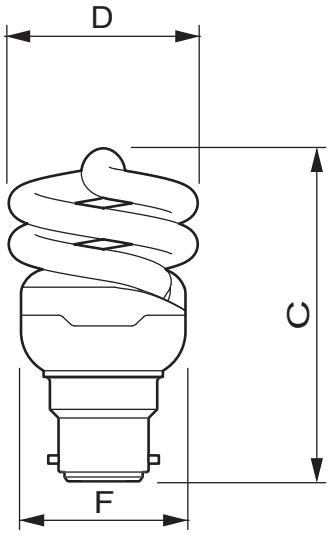
Product	C (Max)	D (Max)	F (Max)
QSPIR-F 12W/827 E27 220-240V 50/60Hz	94.0	47.5	40.5
QSPIR-F 12W/827 E27 220-240V 50/60Hz	94.0	47.5	40.5
QSPIR-F 12W/865 E27 220-240V 50/60Hz	94.0	47.5	40.5
QSPIR-F 12W/865 E27 220-240V 50/60Hz	94.0	47.5	40.5
QSPIR-F 12W/840 E27 220-240V 50/60Hz	94.0	47.5	40.5
QSPIR-F 12W/840 E27 220-240V 50/60Hz	94.0	47.5	40.5



5W, B22

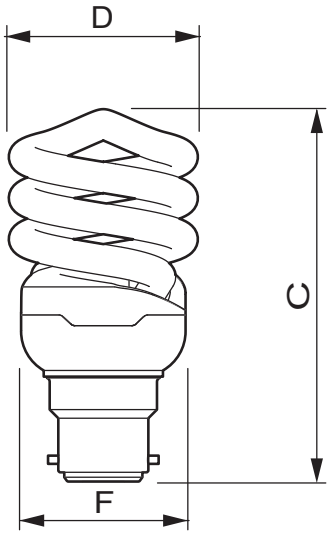
Product	C (Max)	D (Max)	F (Max)
QSPIR-F 5W/827 B22 220-240V 50/60Hz	76.5	43.5	40.5

Dimensional drawing



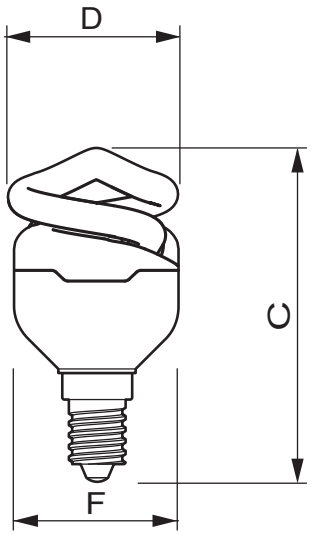
8W, B22

Product	C (Max)	D (Max)	F (Max)
QSPIR-F 8W/827 B22 220-240V 50/60Hz	85.0	47.5	40.5



12W, B22

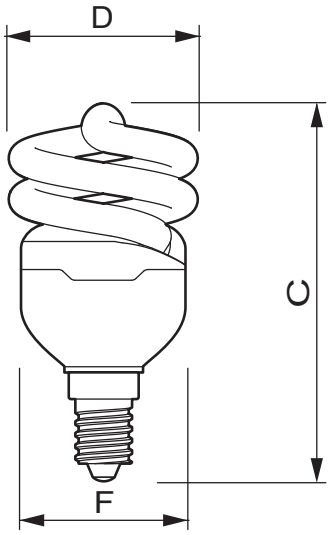
Product	C (Max)	D (Max)	F (Max)
QSPIR-F 12W/827 B22 220-240V 50/60Hz	92.5	47.5	40.5
QSPIR-F 12W/827 B22 220-240V 50/60Hz	92.5	47.5	40.5
QSPIR-F 12W/840 B22 220-240V 50/60Hz	92.5	47.5	40.5



5W, E14

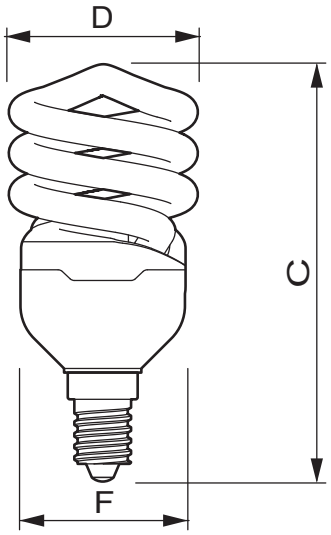
Product	C (Max)	D (Max)	F (Max)
QSPIR-F 5W/827 E14 220-240V 50/60Hz	88.0	43.5	40.5
QSPIR-F 5W/827 E14 220-240V 50/60Hz	88.0	43.5	40.5
QSPIR-F 5W/865 E14 220-240V 50/60Hz	88.0	43.5	40.5
QSPIR-F 5W/840 E14 220-240V 50/60Hz	88.0	43.5	40.5

Dimensional drawing



8W, E14

Product	C (Max)	D (Max)	F (Max)
QSPIR-F 8W/827 E14 220-240V 50/60Hz	96.5	47.5	40.5
QSPIR-F 8W/827 E14 220-240V 50/60Hz	96.5	47.5	40.5
QSPIR-F 8W/865 E14 220-240V 50/60Hz	96.5	47.5	40.5
QSPIR-F 8W/865 E14 220-240V 50/60Hz	96.5	47.5	40.5
QSPIR-F 8W/840 E14 220-240V 50/60Hz	96.5	47.5	40.5
QSPIR-F 8W/840 E14 220-240V 50/60Hz	96.5	47.5	40.5



12W, E14

Product	C (Max)	D (Max)	F (Max)
QSPIR-F 12W/827 E14 220-240V 50/60Hz	104.0	47.5	40.5
QSPIR-F 12W/827 E14 220-240V 50/60Hz	104.0	47.5	40.5
QSPIR-F 12W/865 E14 220-240V 50/60Hz	104.0	47.5	40.5
QSPIR-F 12W/865 E14 220-240V 50/60Hz	104.0	47.5	40.5
QSPIR-F 12W/840 E14 220-240V 50/60Hz	104.0	47.5	40.5
QSPIR-F 12W/840 E14 220-240V 50/60Hz	104.0	47.5	40.5

General Characteristics

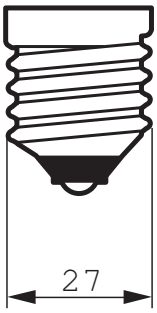
Order code	Full product name	Cap-Base	Life to 50% failures	Rated Lifetime (hours)	Rated Lifetime (years)
929689311101	Tornado spiral 15W WW E27 220-240V 1PF	E27	-	12000	-
929689311102	Tornado spiral 15W WW E27 1BC	E27	-	12000	-
929689311105	Tornado spiral 15W WW E27 220-240V 1BC	E27	-	12000	-
929689311201	Tornado spiral 15W CDL E27 1PF	E27	-	12000	-
929689311202	Tornado spiral 15W CDL E27 1BC	E27	-	12000	-
929689311701	Tornado spiral 15W CW E27 220-240V 1PF	E27	-	12000	-
929689311702	Tornado spiral 15W CW E27 1BC	E27	-	12000	-

Order code	Full product name	Cap-Base	Life to 50% failures	Rated Lifetime (hours)	Rated Lifetime (years)
929689311301	Tornado spiral 20W WW E27 220-240V 1PF	E27	-	12000	-
929689311302	Tornado spiral 20W WW E27 1BC	E27	-	12000	-
929689311306	Tornado spiral 20W WW E27 220-240V 1BC	E27	-	12000	-
929689311401	Tornado spiral 20W CDL E27 1PF	E27	-	12000	-
929689311402	Tornado spiral 20W CDL E27 1BC	E27	-	12000	-
929689311801	Tornado spiral 20W CW E27 220-240V 1PF	E27	-	12000	-
929689311802	Tornado spiral 20W CW E27 1BC	E27	-	12000	-

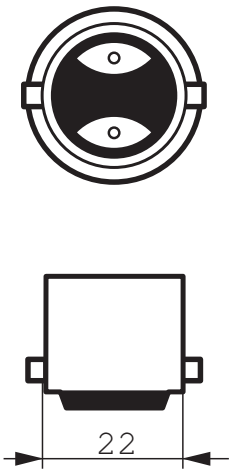
Order code	Full product name	Cap-Base	Life to 50% fail-ures	Rated Lifetime (hours)	Rated Lifetime (years)
929689311501	Tornado spiral 23W WW E27 220-240V 1PF	E27	-	12000	-
929689311502	Tornado spiral 23W WW E27 1BC	E27	-	12000	-
929689311506	Tornado spiral 23W WW E27 220-240V 1BC	E27	-	12000	-
929689311601	Tornado spiral 23W CDL E27 1PF	E27	-	12000	-
929689311602	Tornado spiral 23W CDL E27 1BC	E27	-	12000	-
929689311901	Tornado spiral 23W CW E27 220-240V 1PF	E27	-	12000	-
929689311902	Tornado spiral 23W CW E27 1BC	E27	-	12000	-
929689321101	Tornado spiral 15W WW B22 220-240V 1PF	B22	-	12000	-
929689321102	Tornado spiral 15W WW B22 1BC	B22	-	12000	-
929689321104	Tornado spiral 15W WW B22 220-240V 1BC	B22	-	12000	-
929689321201	Tornado spiral 15W CDL B22 1BC	B22	-	12000	-
929689321701	Tornado spiral 15W CW B22 1BC	B22	-	12000	-
929689321301	Tornado spiral 20W WW B22 220-240V 1PF	B22	-	12000	-
929689321302	Tornado spiral 20W WW B22 1BC	B22	-	12000	-
929689321304	Tornado spiral 20W WW B22 220-240V 1BC	B22	-	12000	-
929689321401	Tornado spiral 20W CDL B22 1BC	B22	-	12000	-
929689321801	Tornado spiral 20W CW B22 1BC	B22	-	12000	-
929689321501	Tornado spiral 23W WW B22 220-240V 1PF	B22	-	12000	-
929689321502	Tornado spiral 23W WW B22 1BC	B22	-	12000	-
929689321504	Tornado spiral 23W WW B22 220-240V 1BC	B22	-	12000	-
929689321601	Tornado spiral 23W CDL B22 1BC	B22	-	12000	-
929689321901	Tornado spiral 23W CW B22 1BC	B22	-	12000	-
929689351501	Tornado spiral 12W WW E14 220-240V 1PF	E14	-	12000	-
929689351502	Tornado spiral 12W WW E14 1BC	E14	-	12000	-
929689351601	Tornado spiral 12WCDL 220-240V E14 1PF	E14	-	12000	-
929689351602	Tornado spiral 12W CDL E14 1BC	E14	-	12000	-
929689351901	Tornado spiral 12W CW E14 220-240V 1PF	E14	-	12000	-
929689351902	Tornado spiral 12W CW E14 1BC	E14	-	12000	-
929689331501	Tornado spiral 12W WW E27 220-240V 1PF	E27	-	12000	-
929689331502	Tornado spiral 12W WW E27 1BC	E27	-	12000	-
929689331601	Tornado spiral 12WCDL 220-240V E27 1PF	E27	-	12000	-
929689331602	Tornado spiral 12W CDL E27 1BC	E27	-	12000	-
929689331901	Tornado spiral 12W CW E27 220-240V 1PF	E27	-	12000	-
929689331902	Tornado spiral 12W CW E27 1BC	E27	-	12000	-
929689341501	Tornado spiral 12W WW B22 220-240V 1PF	B22	-	12000	-
929689341502	Tornado spiral 12W WW B22 1BC	B22	-	12000	-
929689341902	Tornado spiral 12W CW B22 1BC	B22	-	12000	-
929689351301	Tornado spiral 8W WW E14 220-240V 1PF	E14	-	12000	-
929689351302	Tornado spiral 8W WW E14 1BC	E14	-	12000	-
929689351401	Tornado spiral 8W CDL E14 220-240V 1PF	E14	-	12000	-
929689351402	Tornado spiral 8W CDL E14 1BC	E14	-	12000	-
929689351801	Tornado spiral 8W CW E14 220-240V 1PF	E14	-	12000	-
929689351802	Tornado spiral 8W CW E14 1BC	E14	-	12000	-
929689331301	Tornado spiral 8W WW E27 220-240V 1PF	E27	-	12000	-
929689331302	Tornado spiral 8W WW E27 1BC	E27	-	12000	-
929689331401	Tornado spiral 8W CDL E27 220-240V 1PF	E27	-	12000	-
929689331402	Tornado spiral 8W CDL E27 1BC	E27	-	12000	-
929689331801	Tornado spiral 8W CW E27 220-240V 1PF	E27	-	12000	-
929689331802	Tornado spiral 8W CW E27 1BC	E27	-	12000	-
929689341301	Tornado spiral 8W WW B22 220-240V 1PF	B22	-	12000	-
929689351101	Tornado spiral 5W WW E14 220-240V 1PF	E14	-	12000	-
929689351102	Tornado spiral 5W WW E14 1BC	E14	-	12000	-
929689351201	Tornado spiral 5W CDL E14 220-240V 1PF	E14	12000	12000	12
929689351701	Tornado spiral 5W CW E14 220-240V 1PF	E14	12000	12000	12
929689331101	Tornado spiral 5W WW E27 220-240V 1PF	E27	-	12000	-
929689331201	Tornado spiral 5W CDL E27 220-240V 1PF	E27	12000	12000	12
929689331701	Tornado spiral 5W CW E27 220-240V 1PF	E27	12000	12000	12

Order code	Full product name	Cap-Base	Life to 50% fail-ures	Rated Lifetime (hours)	Rated Lifetime (years)
929689341101	Tornado spiral 5W WW B22 220-240V 1PF	B22	-	12000	-

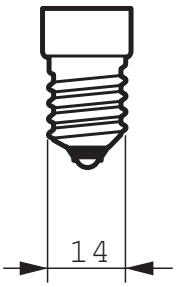
Installation diagrams



E27



B22



E14

Light Technical Characteristics (1/2)

Order code	Full product name	Color Code	Color Designa-tion (text)	Lumi-nous flux lamp	Chroma-ticity Coordi-nate X	Chroma-ticity Coordi-nate Y	Color Rendering Index	Lumen Mainte-nance 2000h	Lumen Mainte-nance 5000h	Lumi-nous Effi-cacy Lamp	Color Tempera-ture
929689311101	Tornado spiral 15W WW E27 220-240V 1PF	827	Warm White	-	463	420	81 (min)	85	75	60	2700
929689311102	Tornado spiral 15W WW E27 1BC	827	Warm White	-	463	420	81 (min)	85	75	60	2700
929689311105	Tornado spiral 15W WW E27 220-240V 1BC	827	Warm White	-	463	420	81 (min)	85	75	60	2700
929689311201	Tornado spiral 15W CDL E27 1PF	865	Cool Daylight	-	313	337	80 (min)	85	75	57	6500
929689311202	Tornado spiral 15W CDL E27 1BC	865	Cool Daylight	-	313	337	80 (min)	85	75	57	6500
929689311701	Tornado spiral 15W CW E27 220-240V 1PF	840	Cool White	-	380	380	81 (min)	85	75	60	4100
929689311702	Tornado spiral 15W CW E27 1BC	840	Cool White	-	380	380	81 (min)	85	75	60	4100
929689311301	Tornado spiral 20W WW E27 220-240V 1PF	827	Warm White	-	463	420	81 (min)	85	75	63	2700
929689311302	Tornado spiral 20W WW E27 1BC	827	Warm White	-	463	420	81 (min)	85	75	63	2700
929689311306	Tornado spiral 20W WW E27 220-240V 1BC	827	Warm White	-	463	420	81 (min)	85	75	63	2700

Order code	Full product name	Color Code	Color Designation (text)	Luminous flux lamp	Chromaticity Coordinate X	Chromaticity Coordinate Y	Color Rendering Index	Lumen Maintenance 2000h	Lumen Maintenance 5000h	Luminous Efficacy Lamp	Color Temperature
929689311401	Tornado spiral 20W CDL E27 1PF	865	Cool Daylight	-	313	337	80 (min)	85	75	60	6500
929689311402	Tornado spiral 20W CDL E27 1BC	865	Cool Daylight	-	313	337	80 (min)	85	75	60	6500
929689311801	Tornado spiral 20W CW E27 220-240V 1PF	840	Cool White	-	380	380	81 (min)	85	75	63	4100
929689311802	Tornado spiral 20W CW E27 1BC	840	Cool White	-	380	380	81 (min)	85	75	63	4100
929689311501	Tornado spiral 23W WW E27 220-240V 1PF	827	Warm White	-	463	420	81 (min)	85	75	65	2700
929689311502	Tornado spiral 23W WW E27 1BC	827	Warm White	-	463	420	81 (min)	85	75	65	2700
929689311506	Tornado spiral 23W WW E27 220-240V 1BC	827	Warm White	-	463	420	81 (min)	85	75	65	2700
929689311601	Tornado spiral 23W CDL E27 1PF	865	Cool Daylight	-	380	380	80 (min)	85	75	61	6500
929689311602	Tornado spiral 23W CDL E27 1BC	865	Cool Daylight	-	380	380	80 (min)	85	75	61	6500
929689311901	Tornado spiral 23W CW E27 220-240V 1PF	840	Cool White	-	380	380	81 (min)	85	75	65	4100
929689311902	Tornado spiral 23W CW E27 1BC	840	Cool White	-	380	380	81 (min)	85	75	65	4100
929689321101	Tornado spiral 15W WW B22 220-240V 1PF	827	Warm White	-	463	420	81 (min)	85	75	60	2700
929689321102	Tornado spiral 15W WW B22 1BC	827	Warm White	-	463	420	81 (min)	85	75	60	2700
929689321104	Tornado spiral 15W WW B22 220-240V 1BC	827	Warm White	-	463	420	81 (min)	85	75	60	2700
929689321201	Tornado spiral 15W CDL B22 1BC	865	Cool Daylight	-	313	337	80 (min)	85	75	57	6500
929689321701	Tornado spiral 15W CW B22 1BC	840	Cool White	-	380	380	81 (min)	85	75	60	4100
929689321301	Tornado spiral 20W WW B22 220-240V 1PF	827	Warm White	-	463	420	81 (min)	85	75	63	2700
929689321302	Tornado spiral 20W WW B22 1BC	827	Warm White	-	463	420	81 (min)	85	75	63	2700
929689321304	Tornado spiral 20W WW B22 220-240V 1BC	827	Warm White	-	463	420	81 (min)	85	75	63	2700
929689321401	Tornado spiral 20W CDL B22 1BC	865	Cool Daylight	-	313	337	80 (min)	85	75	60	6500
929689321801	Tornado spiral 20W CW B22 1BC	840	Cool White	-	380	380	81 (min)	85	75	63	4100
929689321501	Tornado spiral 23W WW B22 220-240V 1PF	827	Warm White	-	463	420	81 (min)	85	75	65	2700
929689321502	Tornado spiral 23W WW B22 1BC	827	Warm White	-	463	420	81 (min)	85	75	65	2700
929689321504	Tornado spiral 23W WW B22 220-240V 1BC	827	Warm White	-	463	420	81 (min)	85	75	65	2700
929689321601	Tornado spiral 23W CDL B22 1BC	865	Cool Daylight	-	313	337	80 (min)	85	75	61	6500
929689321901	Tornado spiral 23W CW B22 1BC	840	Cool White	-	380	380	81 (min)	85	75	65	4100
929689351501	Tornado spiral 12W WW E14 220-240V 1PF	827	Warm White	-	463	420	81 (min)	85	75	61	2700
929689351502	Tornado spiral 12W WW E14 1BC	827	Warm White	-	463	420	81 (min)	85	75	61	2700

Order code	Full product name	Color Code	Color Designation (text)	Luminous flux lamp	Chromaticity Coordinate X	Chromaticity Coordinate Y	Color Rendering Index	Lumen Maintenance 2000h	Lumen Maintenance 5000h	Luminous Efficacy Lamp	Color Temperature
929689351601	Tornado spiral 12WCDL 220-240V E14 1PF	865	Cool Daylight	-	313	337	80 (min)	85	75	58	6500
929689351602	Tornado spiral 12W CDL E14 1BC	865	Cool Daylight	-	313	337	80 (min)	85	75	58	6500
929689351901	Tornado spiral 12W CW E14 220-240V 1PF	840	Cool White	-	380	380	80 (min)	85	75	61	4100
929689351902	Tornado spiral 12W CW E14 1BC	840	Cool White	-	380	380	80 (min)	85	75	61	4100
929689331501	Tornado spiral 12W WW E27 220-240V 1PF	827	Warm White	-	463	420	81 (min)	85	75	61	2700
929689331502	Tornado spiral 12W WW E27 1BC	827	Warm White	-	463	420	81 (min)	85	75	61	2700
929689331601	Tornado spiral 12WCDL 220-240V E27 1PF	865	Cool Daylight	-	313	337	80 (min)	85	75	58	6500
929689331602	Tornado spiral 12W CDL E27 1BC	865	Cool Daylight	-	313	337	80 (min)	85	75	58	6500
929689331901	Tornado spiral 12W CW E27 220-240V 1PF	840	Cool White	-	380	380	80 (min)	85	75	61	4100
929689331902	Tornado spiral 12W CW E27 1BC	840	Cool White	-	380	380	80 (min)	85	75	61	4100
929689341501	Tornado spiral 12W WW B22 220-240V 1PF	827	Warm White	-	463	420	81 (min)	85	75	61	2700
929689341502	Tornado spiral 12W WW B22 1BC	827	Warm White	-	463	420	81 (min)	85	75	61	2700
929689341902	Tornado spiral 12W CW B22 1BC	840	Cool White	-	380	380	80 (min)	85	75	61	4100
929689351301	Tornado spiral 8W WW E14 220-240V 1PF	827	Warm White	-	463	420	81 (min)	85	75	62	2700
929689351302	Tornado spiral 8W WW E14 1BC	827	Warm White	-	463	420	81 (min)	85	75	62	2700
929689351401	Tornado spiral 8W CDL E14 220-240V 1PF	865	Cool Daylight	-	313	337	80 (min)	85	75	59	6500
929689351402	Tornado spiral 8W CDL E14 1BC	865	Cool Daylight	-	313	337	80 (min)	85	75	59	6500
929689351801	Tornado spiral 8W CW E14 220-240V 1PF	840	Cool White	-	380	380	80 (min)	85	75	62	4100
929689351802	Tornado spiral 8W CW E14 1BC	840	Cool White	-	380	380	80 (min)	85	75	62	4100
929689331301	Tornado spiral 8W WW E27 220-240V 1PF	827	Warm White	-	463	420	81 (min)	85	75	62	2700
929689331302	Tornado spiral 8W WW E27 1BC	827	Warm White	-	463	420	81 (min)	85	75	62	2700
929689331401	Tornado spiral 8W CDL E27 220-240V 1PF	865	Cool Daylight	-	313	337	80 (min)	85	75	59	6500
929689331402	Tornado spiral 8W CDL E27 1BC	865	Cool Daylight	-	313	337	80 (min)	85	75	59	6500
929689331801	Tornado spiral 8W CW E27 220-240V 1PF	840	Cool White	-	380	380	80 (min)	85	75	62	4100
929689331802	Tornado spiral 8W CW E27 1BC	840	Cool White	-	380	380	80 (min)	85	75	62	4100
929689341301	Tornado spiral 8W WW B22 220-240V 1PF	827	Warm White	-	463	420	81 (min)	85	75	62	2700
929689351101	Tornado spiral 5W WW E14 220-240V 1PF	827	Warm White	-	463	420	81 (min)	85	75	60	2700
929689351102	Tornado spiral 5W WW E14 1BC	827	Warm White	-	463	420	81 (min)	85	75	60	2700

Order code	Full product name	Color Code	Color Designation (text)	Luminous flux lamp	Chromaticity Coordinate X	Chromaticity Coordinate Y	Color Rendering Index	Lumen Maintenance 2000h	Lumen Maintenance 5000h	Luminous Efficacy Lamp	Color Temperature
929689351201	Tornado spiral 5W CDL E14 220-240V 1PF	865	Cool Daylight	285	313	337	80 (min)	85	75	57	6500
929689351701	Tornado spiral 5W CW E14 220-240V 1PF	840	Cool White	300	380	380	80 (min)	85	75	60	4100
929689331101	Tornado spiral 5W WW E27 220-240V 1PF	827	Warm White	-	463	420	81 (min)	85	75	60	2700
929689331201	Tornado spiral 5W CDL E27 220-240V 1PF	865	Cool Daylight	285	313	337	80 (min)	85	75	57	6500
929689331701	Tornado spiral 5W CW E27 220-240V 1PF	840	Cool White	300	380	380	80 (min)	85	75	60	4100
929689341101	Tornado spiral 5W WW B22 220-240V 1PF	827	Warm White	-	463	420	81 (min)	85	75	60	2700

Light Technical Characteristics (2/2)

Order code	Full product name	Rated Luminous Flux	LLMF - end nominal lifetime
929689311101	Tornado spiral 15W WW E27 220-240V 1PF	900	65 (min)
929689311102	Tornado spiral 15W WW E27 1BC	900	65 (min)
929689311105	Tornado spiral 15W WW E27 220-240V 1BC	900	65 (min)
929689311201	Tornado spiral 15W CDL E27 1PF	850	65 (min)
929689311202	Tornado spiral 15W CDL E27 1BC	850	65 (min)
929689311701	Tornado spiral 15W CW E27 220-240V 1PF	900	65 (min)
929689311702	Tornado spiral 15W CW E27 1BC	900	65 (min)
929689311301	Tornado spiral 20W WW E27 220-240V 1PF	1250	65 (min)
929689311302	Tornado spiral 20W WW E27 1BC	1250	65 (min)
929689311306	Tornado spiral 20W WW E27 220-240V 1BC	1250	65 (min)
929689311401	Tornado spiral 20W CDL E27 1PF	1200	65 (min)
929689311402	Tornado spiral 20W CDL E27 1BC	1200	65 (min)
929689311801	Tornado spiral 20W CW E27 220-240V 1PF	1250	65 (min)
929689311802	Tornado spiral 20W CW E27 1BC	1250	65 (min)
929689311501	Tornado spiral 23W WW E27 220-240V 1PF	1500	65 (min)
929689311502	Tornado spiral 23W WW E27 1BC	1500	65 (min)
929689311506	Tornado spiral 23W WW E27 220-240V 1BC	1500	65 (min)
929689311601	Tornado spiral 23W CDL E27 1PF	1400	65 (min)
929689311602	Tornado spiral 23W CDL E27 1BC	1400	65 (min)
929689311901	Tornado spiral 23W CW E27 220-240V 1PF	1500	65 (min)
929689311902	Tornado spiral 23W CW E27 1BC	1500	65 (min)
929689321101	Tornado spiral 15W WW B22 220-240V 1PF	900	65 (min)
929689321102	Tornado spiral 15W WW B22 1BC	900	65 (min)

Order code	Full product name	Rated Luminous Flux	LLMF - end nominal lifetime
929689321104	Tornado spiral 15W WW B22 220-240V 1BC	900	65 (min)
929689321201	Tornado spiral 15W CDL B22 1BC	850	65 (min)
929689321701	Tornado spiral 15W CW B22 1BC	900	65 (min)
929689321301	Tornado spiral 20W WW B22 220-240V 1PF	1250	65 (min)
929689321302	Tornado spiral 20W WW B22 1BC	1250	65 (min)
929689321304	Tornado spiral 20W WW B22 220-240V 1BC	1250	65 (min)
929689321401	Tornado spiral 20W CDL B22 1BC	1200	65 (min)
929689321801	Tornado spiral 20W CW B22 1BC	1250	65 (min)
929689321501	Tornado spiral 23W WW B22 220-240V 1PF	1500	65 (min)
929689321502	Tornado spiral 23W WW B22 1BC	1500	65 (min)
929689321504	Tornado spiral 23W WW B22 220-240V 1BC	1500	65 (min)
929689321601	Tornado spiral 23W CDL B22 1BC	1400	65 (min)
929689321901	Tornado spiral 23W CW B22 1BC	1500	65 (min)
929689351501	Tornado spiral 12W WW E14 220-240V 1PF	745	65 (min)
929689351502	Tornado spiral 12W WW E14 1BC	745	65 (min)
929689351601	Tornado spiral 12WCDL 220-240V E14 1PF	745	65 (min)
929689351602	Tornado spiral 12W CDL E14 1BC	745	65 (min)
929689351901	Tornado spiral 12W CW E14 220-240V 1PF	745	65 (min)
929689351902	Tornado spiral 12W CW E14 1BC	745	65 (min)
929689331501	Tornado spiral 12W WW E27 220-240V 1PF	745	65 (min)
929689331502	Tornado spiral 12W WW E27 1BC	745	65 (min)
929689331601	Tornado spiral 12WCDL 220-240V E27 1PF	745	65 (min)
929689331602	Tornado spiral 12W CDL E27 1BC	745	65 (min)

Order code	Full product name	Rated Luminous Flux	LLMF - end nominal lifetime
929689331901	Tornado spiral 12W CW E27 220-240V 1PF	745	65 (min)
929689331902	Tornado spiral 12W CW E27 1BC	745	65 (min)
929689341501	Tornado spiral 12W WW B22 220-240V 1PF	745	65 (min)
929689341502	Tornado spiral 12W WW B22 1BC	745	65 (min)
929689341902	Tornado spiral 12W CW B22 1BC	745	65 (min)
929689351301	Tornado spiral 8W WW E14 220-240V 1PF	510	65 (min)
929689351302	Tornado spiral 8W WW E14 1BC	510	65 (min)
929689351401	Tornado spiral 8W CDL E14 220-240V 1PF	475	65 (min)
929689351402	Tornado spiral 8W CDL E14 1BC	475	65 (min)
929689351801	Tornado spiral 8W CW E14 220-240V 1PF	510	65 (min)
929689351802	Tornado spiral 8W CW E14 1BC	510	65 (min)
929689331301	Tornado spiral 8W WW E27 220-240V 1PF	510	65 (min)
929689331302	Tornado spiral 8W WW E27 1BC	510	65 (min)
929689331401	Tornado spiral 8W CDL E27 220-240V 1PF	475	65 (min)
929689331402	Tornado spiral 8W CDL E27 1BC	475	65 (min)

Order code	Full product name	Rated Luminous Flux	LLMF - end nominal lifetime
929689331801	Tornado spiral 8W CW E27 220-240V 1PF	510	65 (min)
929689331802	Tornado spiral 8W CW E27 1BC	510	65 (min)
929689341301	Tornado spiral 8W WW B22 220-240V 1PF	510	65 (min)
929689351101	Tornado spiral 5W WW E14 220-240V 1PF	300	65 (min)
929689351102	Tornado spiral 5W WW E14 1BC	300	65 (min)
929689351201	Tornado spiral 5W CDL E14 220-240V 1PF	-	65 (min)
929689351701	Tornado spiral 5W CW E14 220-240V 1PF	-	65 (min)
929689331101	Tornado spiral 5W WW E27 220-240V 1PF	300	65 (min)
929689331201	Tornado spiral 5W CDL E27 220-240V 1PF	-	65 (min)
929689331701	Tornado spiral 5W CW E27 220-240V 1PF	-	65 (min)
929689341101	Tornado spiral 5W WW B22 220-240V 1PF	300	65 (min)

Electrical Characteristics

Order code	Full product name	Voltage	Line Frequency	Lamp Wattage	Dimmable	Wattage Equivalent	Starting Time	Warm-up Time to 60% Light Outp
929689311101	Tornado spiral 15W WW E27 220-240V 1PF	220-240	50/60	15	No	75	0.3	5 (min), 30 (max)
929689311102	Tornado spiral 15W WW E27 1BC	220-240	50/60	15	No	75	0.3	5 (min), 30 (max)
929689311105	Tornado spiral 15W WW E27 220-240V 1BC	220-240	50/60	15	No	75	0.3	5 (min), 30 (max)
929689311201	Tornado spiral 15W CDL E27 1PF	230-240	50/60	15	No	70	0.3	5 (min), 30 (max)
929689311202	Tornado spiral 15W CDL E27 1BC	230-240	50/60	15	No	70	0.3	5 (min), 30 (max)
929689311701	Tornado spiral 15W CW E27 220-240V 1PF	220-240	50/60	15	No	75	1	5 (min), 30 (max)
929689311702	Tornado spiral 15W CW E27 1BC	220-240	50/60	15	No	75	1	5 (min), 30 (max)
929689311301	Tornado spiral 20W WW E27 220-240V 1PF	220-240	50/60	20	No	91	0.3	5 (min), 30 (max)
929689311302	Tornado spiral 20W WW E27 1BC	220-240	50/60	20	No	91	0.3	5 (min), 30 (max)
929689311306	Tornado spiral 20W WW E27 220-240V 1BC	220-240	50/60	20	No	91	0.3	5 (min), 30 (max)
929689311401	Tornado spiral 20W CDL E27 1PF	230-240	50/60	20	No	88	0.3	5 (min), 30 (max)
929689311402	Tornado spiral 20W CDL E27 1BC	230-240	50/60	20	No	88	0.3	5 (min), 30 (max)
929689311801	Tornado spiral 20W CW E27 220-240V 1PF	220-240	50/60	20	No	91	1	5 (min), 30 (max)
929689311802	Tornado spiral 20W CW E27 1BC	220-240	50/60	20	No	91	1	5 (min), 30 (max)
929689311501	Tornado spiral 23W WW E27 220-240V 1PF	220-240	50/60	23	No	110	0.3	5 (min), 30 (max)
929689311502	Tornado spiral 23W WW E27 1BC	220-240	50/60	23	No	110	0.3	5 (min), 30 (max)
929689311506	Tornado spiral 23W WW E27 220-240V 1BC	220-240	50/60	23	No	110	0.3	5 (min), 30 (max)

Order code	Full product name	Voltage	Line Frequency	Lamp Wattage	Dimmable	Wattage Equivalent	Starting Time	Warm-up Time to 60% Light Outp
929689311601	Tornado spiral 23W CDL E27 1PF	230-240	50/60	23	No	103	0.3	5 (min), 30 (max)
929689311602	Tornado spiral 23W CDL E27 1BC	230-240	50/60	23	No	103	0.3	5 (min), 30 (max)
929689311901	Tornado spiral 23W CW E27 220-240V 1PF	220-240	50/60	23	No	110	1	5 (min), 30 (max)
929689311902	Tornado spiral 23W CW E27 1BC	220-240	50/60	23	No	110	1	5 (min), 30 (max)
929689321101	Tornado spiral 15W WW B22 220-240V 1PF	220-240	50/60	15	No	75	0.3	5 (min), 30 (max)
929689321102	Tornado spiral 15W WW B22 1BC	220-240	50/60	15	No	75	0.3	5 (min), 30 (max)
929689321104	Tornado spiral 15W WW B22 220-240V 1BC	220-240	50/60	15	No	75	0.3	5 (min), 30 (max)
929689321201	Tornado spiral 15W CDL B22 1BC	220-240	50/60	15	-	-	1	5 (min), 30 (max)
929689321701	Tornado spiral 15W CW B22 1BC	220-240	50/60	15	-	-	1	5 (min), 30 (max)
929689321301	Tornado spiral 20W WW B22 220-240V 1PF	220-240	50/60	20	No	91	0.3	5 (min), 30 (max)
929689321302	Tornado spiral 20W WW B22 1BC	220-240	50/60	20	No	91	0.3	5 (min), 30 (max)
929689321304	Tornado spiral 20W WW B22 220-240V 1BC	220-240	50/60	20	No	91	0.3	5 (min), 30 (max)
929689321401	Tornado spiral 20W CDL B22 1BC	220-240	50/60	20	-	-	1	5 (min), 30 (max)
929689321801	Tornado spiral 20W CW B22 1BC	220-240	50/60	20	-	-	1	5 (min), 30 (max)
929689321501	Tornado spiral 23W WW B22 220-240V 1PF	220-240	50/60	23	No	110	0.3	5 (min), 30 (max)
929689321502	Tornado spiral 23W WW B22 1BC	220-240	50/60	23	No	110	0.3	5 (min), 30 (max)
929689321504	Tornado spiral 23W WW B22 220-240V 1BC	220-240	50/60	23	No	110	0.3	5 (min), 30 (max)
929689321601	Tornado spiral 23W CDL B22 1BC	220-240	50/60	23	-	-	1	5 (min), 30 (max)
929689321901	Tornado spiral 23W CW B22 1BC	220-240	50/60	23	-	-	1	5 (min), 30 (max)
929689351501	Tornado spiral 12W WW E14 220-240V 1PF	220-240	50/60	12	No	60	0.3	5 (min), 30 (max)
929689351502	Tornado spiral 12W WW E14 1BC	220-240	50/60	12	No	60	0.3	5 (min), 30 (max)
929689351601	Tornado spiral 12WCDL 220-240V E14 1PF	220-240	50/60	12	No	57	0.3	5 (min), 30 (max)
929689351602	Tornado spiral 12W CDL E14 1BC	220-240	50/60	12	No	57	0.3	5 (min), 30 (max)
929689351901	Tornado spiral 12W CW E14 220-240V 1PF	220-240	50/60	12	No	60	0.3	5 (min), 30 (max)
929689351902	Tornado spiral 12W CW E14 1BC	220-240	50/60	12	No	60	0.3	5 (min), 30 (max)
929689331501	Tornado spiral 12W WW E27 220-240V 1PF	220-240	50/60	12	No	60	0.3	5 (min), 30 (max)
929689331502	Tornado spiral 12W WW E27 1BC	220-240	50/60	12	No	60	0.3	5 (min), 30 (max)
929689331601	Tornado spiral 12WCDL 220-240V E27 1PF	220-240	50/60	12	No	57	0.3	5 (min), 30 (max)
929689331602	Tornado spiral 12W CDL E27 1BC	220-240	50/60	12	No	57	0.3	5 (min), 30 (max)
929689331901	Tornado spiral 12W CW E27 220-240V 1PF	220-240	50/60	12	No	60	0.3	5 (min), 30 (max)
929689331902	Tornado spiral 12W CW E27 1BC	220-240	50/60	12	No	60	0.3	5 (min), 30 (max)
929689341501	Tornado spiral 12W WW B22 220-240V 1PF	220-240	50/60	12	No	60	0.3	5 (min), 30 (max)
929689341502	Tornado spiral 12W WW B22 1BC	220-240	50/60	12	No	60	0.3	5 (min), 30 (max)
929689341902	Tornado spiral 12W CW B22 1BC	220-240	50/60	12	-	-	1 (min), 1.5 (max)	5 (min), 30 (max)
929689351301	Tornado spiral 8W WW E14 220-240V 1PF	220-240	50/60	8	No	45	2	5 (min), 30 (max)
929689351302	Tornado spiral 8W WW E14 1BC	220-240	50/60	8	No	45	2	5 (min), 30 (max)
929689351401	Tornado spiral 8W CDL E14 220-240V 1PF	220-240	50/60	8	No	40	2	5 (min), 30 (max)
929689351402	Tornado spiral 8W CDL E14 1BC	220-240	50/60	8	No	40	2	5 (min), 30 (max)

Order code	Full product name	Voltage	Line Frequency	Lamp Wattage	Dimmable	Wattage Equivalent	Starting Time	Warm-up Time to 60% Light Outp
929689351801	Tornado spiral 8W CW E14 220-240V 1PF	220-240	50/60	8	No	45	2	5 (min), 30 (max)
929689351802	Tornado spiral 8W CW E14 1BC	220-240	50/60	8	No	45	2	5 (min), 30 (max)
929689331301	Tornado spiral 8W WW E27 220-240V 1PF	220-240	50/60	8	No	45	2	5 (min), 30 (max)
929689331302	Tornado spiral 8W WW E27 1BC	220-240	50/60	8	No	45	2	5 (min), 30 (max)
929689331401	Tornado spiral 8W CDL E27 220-240V 1PF	220-240	50/60	8	No	40	2	5 (min), 30 (max)
929689331402	Tornado spiral 8W CDL E27 1BC	220-240	50/60	8	No	40	2	5 (min), 30 (max)
929689331801	Tornado spiral 8W CW E27 220-240V 1PF	220-240	50/60	8	No	45	2	5 (min), 30 (max)
929689331802	Tornado spiral 8W CW E27 1BC	220-240	50/60	8	No	45	2	5 (min), 30 (max)
929689341301	Tornado spiral 8W WW B22 220-240V 1PF	220-240	50/60	8	No	45	2	5 (min), 30 (max)
929689351101	Tornado spiral 5W WW E14 220-240V 1PF	220-240	50/60	5	No	30	1 (min), 1.5 (max)	5 (min), 30 (max)
929689351102	Tornado spiral 5W WW E14 1BC	220-240	50/60	5	No	30	1 (min), 1.5 (max)	5 (min), 30 (max)
929689351201	Tornado spiral 5W CDL E14 220-240V 1PF	220-240	50/60	5	-	-	2 (max)	60 (max)
929689351701	Tornado spiral 5W CW E14 220-240V 1PF	220-240	50/60	5	-	-	2 (max)	60 (max)
929689331101	Tornado spiral 5W WW E27 220-240V 1PF	220-240	50/60	5	No	30	2	5 (min), 30 (max)
929689331201	Tornado spiral 5W CDL E27 220-240V 1PF	220-240	50/60	5	-	-	2 (max)	60 (max)
929689331701	Tornado spiral 5W CW E27 220-240V 1PF	220-240	50/60	5	-	-	2 (max)	60 (max)
929689341101	Tornado spiral 5W WW B22 220-240V 1PF	220-240	50/60	5	No	30	2	5 (min), 30 (max)

Environmental Characteristics

Order code	Full product name	Energy Efficiency Label (EEL)	Mercury (Hg) Content
929689311101	Tornado spiral 15W WW E27 220-240V 1PF	A	1.5
929689311102	Tornado spiral 15W WW E27 1BC	A	1.5
929689311105	Tornado spiral 15W WW E27 220-240V 1BC	A	1.5
929689311201	Tornado spiral 15W CDL E27 1PF	A	1.5
929689311202	Tornado spiral 15W CDL E27 1BC	A	1.5
929689311701	Tornado spiral 15W CW E27 220-240V 1PF	A	1.5
929689311702	Tornado spiral 15W CW E27 1BC	A	1.5
929689311301	Tornado spiral 20W WW E27 220-240V 1PF	A	1.5
929689311302	Tornado spiral 20W WW E27 1BC	A	1.5
929689311306	Tornado spiral 20W WW E27 220-240V 1BC	A	1.5
929689311401	Tornado spiral 20W CDL E27 1PF	A	1.5
929689311402	Tornado spiral 20W CDL E27 1BC	A	1.5
929689311801	Tornado spiral 20W CW E27 220-240V 1PF	A	1.5

Order code	Full product name	Energy Efficiency Label (EEL)	Mercury (Hg) Content
929689311802	Tornado spiral 20W CW E27 1BC	A	1.5
929689311501	Tornado spiral 23W WW E27 220-240V 1PF	A	2.5
929689311502	Tornado spiral 23W WW E27 1BC	A	2.5
929689311506	Tornado spiral 23W WW E27 220-240V 1BC	A	2.5
929689311601	Tornado spiral 23W CDL E27 1PF	A	2.5
929689311602	Tornado spiral 23W CDL E27 1BC	A	2.5
929689311901	Tornado spiral 23W CW E27 220-240V 1PF	A	4
929689311902	Tornado spiral 23W CW E27 1BC	A	4
929689321101	Tornado spiral 15W WW B22 220-240V 1PF	A	1.5
929689321102	Tornado spiral 15W WW B22 1BC	A	1.5
929689321104	Tornado spiral 15W WW B22 220-240V 1BC	A	1.5
929689321201	Tornado spiral 15W CDL B22 1BC	A	1.5
929689321701	Tornado spiral 15W CW B22 1BC	A	1.5

Order code	Full product name	Energy Efficiency Label (EEL)	Mercury (Hg) Content
929689321301	Tornado spiral 20W WW B22 220-240V 1PF	A	1.5
929689321302	Tornado spiral 20W WW B22 1BC	A	1.5
929689321304	Tornado spiral 20W WW B22 220-240V 1BC	A	1.5
929689321401	Tornado spiral 20W CDL B22 1BC	A	1.5
929689321801	Tornado spiral 20W CW B22 1BC	A	1.5
929689321501	Tornado spiral 23W WW B22 220-240V 1PF	A	2.5
929689321502	Tornado spiral 23W WW B22 1BC	A	2.5
929689321504	Tornado spiral 23W WW B22 220-240V 1BC	A	2.5
929689321601	Tornado spiral 23W CDL B22 1BC	A	4
929689321901	Tornado spiral 23W CW B22 1BC	A	4
929689351501	Tornado spiral 12W WW E14 220-240V 1PF	A	1.5
929689351502	Tornado spiral 12W WW E14 1BC	A	1.5
929689351601	Tornado spiral 12WCDL 220-240V E14 1PF	A	1.5
929689351602	Tornado spiral 12W CDL E14 1BC	A	1.5
929689351901	Tornado spiral 12W CW E14 220-240V 1PF	A	1.5
929689351902	Tornado spiral 12W CW E14 1BC	A	1.5
929689331501	Tornado spiral 12W WW E27 220-240V 1PF	A	1.5
929689331502	Tornado spiral 12W WW E27 1BC	A	1.5
929689331601	Tornado spiral 12WCDL 220-240V E27 1PF	A	1.5
929689331602	Tornado spiral 12W CDL E27 1BC	A	1.5
929689331901	Tornado spiral 12W CW E27 220-240V 1PF	A	1.5
929689331902	Tornado spiral 12W CW E27 1BC	A	1.5
929689341501	Tornado spiral 12W WW B22 220-240V 1PF	A	1.5
929689341502	Tornado spiral 12W WW B22 1BC	A	1.5
929689341902	Tornado spiral 12W CW B22 1BC	A	1.5
929689351301	Tornado spiral 8W WW E14 220-240V 1PF	A	1.5
929689351302	Tornado spiral 8W WW E14 1BC	A	1.5
929689351401	Tornado spiral 8W CDL E14 220-240V 1PF	A	1.5
929689351402	Tornado spiral 8W CDL E14 1BC	A	1.5
929689351801	Tornado spiral 8W CW E14 220-240V 1PF	A	1.5
929689351802	Tornado spiral 8W CW E14 1BC	A	1.5
929689331301	Tornado spiral 8W WW E27 220-240V 1PF	A	1.5
929689331302	Tornado spiral 8W WW E27 1BC	A	1.5
929689331401	Tornado spiral 8W CDL E27 220-240V 1PF	A	1.5
929689331402	Tornado spiral 8W CDL E27 1BC	A	1.5
929689331801	Tornado spiral 8W CW E27 220-240V 1PF	A	1.5
929689331802	Tornado spiral 8W CW E27 1BC	A	1.5
929689341301	Tornado spiral 8W WW B22 220-240V 1PF	A	1.5

Order code	Full product name	Energy Efficiency Label (EEL)	Mercury (Hg) Content
929689351101	Tornado spiral 5W WW E14 220-240V 1PF	A	1.5
929689351102	Tornado spiral 5W WW E14 1BC	A	1.5
929689351201	Tornado spiral 5W CDL E14 220-240V 1PF	A	-
929689351701	Tornado spiral 5W CW E14 220-240V 1PF	A	-
929689331101	Tornado spiral 5W WW E27 220-240V 1PF	A	1.5
929689331201	Tornado spiral 5W CDL E27 220-240V 1PF	A	-
929689331701	Tornado spiral 5W CW E27 220-240V 1PF	A	-
929689341101	Tornado spiral 5W WW B22 220-240V 1PF	A	1.5

Measuring Conditions

Order code	Full product name	Switching cycle
929689311101	Tornado spiral 15W WW E27 220-240V 1PF	6000X
929689311102	Tornado spiral 15W WW E27 1BC	6000X
929689311105	Tornado spiral 15W WW E27 220-240V 1BC	6000X
929689311201	Tornado spiral 15W CDL E27 1PF	6000X
929689311202	Tornado spiral 15W CDL E27 1BC	6000X
929689311701	Tornado spiral 15W CW E27 220-240V 1PF	6000X
929689311702	Tornado spiral 15W CW E27 1BC	6000X
929689311301	Tornado spiral 20W WW E27 220-240V 1PF	6000X
929689311302	Tornado spiral 20W WW E27 1BC	6000X
929689311306	Tornado spiral 20W WW E27 220-240V 1BC	6000X
929689311401	Tornado spiral 20W CDL E27 1PF	6000X
929689311402	Tornado spiral 20W CDL E27 1BC	6000X
929689311801	Tornado spiral 20W CW E27 220-240V 1PF	6000X
929689311802	Tornado spiral 20W CW E27 1BC	6000X
929689311501	Tornado spiral 23W WW E27 220-240V 1PF	6000X
929689311502	Tornado spiral 23W WW E27 1BC	6000X
929689311506	Tornado spiral 23W WW E27 220-240V 1BC	6000X
929689311601	Tornado spiral 23W CDL E27 1PF	6000X
929689311602	Tornado spiral 23W CDL E27 1BC	6000X
929689311901	Tornado spiral 23W CW E27 220-240V 1PF	6000X
929689311902	Tornado spiral 23W CW E27 1BC	6000X
929689321101	Tornado spiral 15W WW B22 220-240V 1PF	6000X
929689321102	Tornado spiral 15W WW B22 1BC	6000X
929689321104	Tornado spiral 15W WW B22 220-240V 1BC	6000X
929689321201	Tornado spiral 15W CDL B22 1BC	6000X
929689321701	Tornado spiral 15W CW B22 1BC	6000X
929689321301	Tornado spiral 20W WW B22 220-240V 1PF	6000X
929689321302	Tornado spiral 20W WW B22 1BC	6000X
929689321304	Tornado spiral 20W WW B22 220-240V 1BC	6000X
929689321401	Tornado spiral 20W CDL B22 1BC	6000X
929689321801	Tornado spiral 20W CW B22 1BC	6000X
929689321501	Tornado spiral 23W WW B22 220-240V 1PF	6000X
929689321502	Tornado spiral 23W WW B22 1BC	6000X

Order code	Full product name	Switching cycle
929689321504	Tornado spiral 23W WW B22 220-240V 1BC	6000X
929689321601	Tornado spiral 23W CDL B22 1BC	6000X
929689321901	Tornado spiral 23W CW B22 1BC	6000X
929689351501	Tornado spiral 12W WW E14 220-240V 1PF	6000X
929689351502	Tornado spiral 12W WW E14 1BC	6000X
929689351601	Tornado spiral 12WCDL 220-240V E14 1PF	6000X
929689351602	Tornado spiral 12W CDL E14 1BC	6000X
929689351901	Tornado spiral 12W CW E14 220-240V 1PF	6000X
929689351902	Tornado spiral 12W CW E14 1BC	6000X
929689331501	Tornado spiral 12W WW E27 220-240V 1PF	6000X
929689331502	Tornado spiral 12W WW E27 1BC	6000X
929689331601	Tornado spiral 12WCDL 220-240V E27 1PF	6000X
929689331602	Tornado spiral 12W CDL E27 1BC	6000X
929689331901	Tornado spiral 12W CW E27 220-240V 1PF	6000X
929689331902	Tornado spiral 12W CW E27 1BC	6000X
929689341501	Tornado spiral 12W WW B22 220-240V 1PF	6000X
929689341502	Tornado spiral 12W WW B22 1BC	6000X
929689341902	Tornado spiral 12W CW B22 1BC	6000X
929689351301	Tornado spiral 8W WW E14 220-240V 1PF	6000X
929689351302	Tornado spiral 8W WW E14 1BC	6000X

Order code	Full product name	Switching cycle
929689351401	Tornado spiral 8W CDL E14 220-240V 1PF	6000X
929689351402	Tornado spiral 8W CDL E14 1BC	6000X
929689351801	Tornado spiral 8W CW E14 220-240V 1PF	6000X
929689351802	Tornado spiral 8W CW E14 1BC	6000X
929689331301	Tornado spiral 8W WW E27 220-240V 1PF	6000X
929689331302	Tornado spiral 8W WW E27 1BC	6000X
929689331401	Tornado spiral 8W CDL E27 220-240V 1PF	6000X
929689331402	Tornado spiral 8W CDL E27 1BC	6000X
929689331801	Tornado spiral 8W CW E27 220-240V 1PF	6000X
929689331802	Tornado spiral 8W CW E27 1BC	6000X
929689341301	Tornado spiral 8W WW B22 220-240V 1PF	6000X
929689351101	Tornado spiral 5W WW E14 220-240V 1PF	6000X
929689351102	Tornado spiral 5W WW E14 1BC	6000X
929689351201	Tornado spiral 5W CDL E14 220-240V 1PF	6000X
929689351701	Tornado spiral 5W CW E14 220-240V 1PF	6000X
929689331101	Tornado spiral 5W WW E27 220-240V 1PF	6000X
929689331201	Tornado spiral 5W CDL E27 220-240V 1PF	5000X
929689331701	Tornado spiral 5W CW E27 220-240V 1PF	5000X
929689341101	Tornado spiral 5W WW B22 220-240V 1PF	6000X

© 2011 Koninklijke Philips Electronics N.V.
All rights reserved.

Specifications are subject to change without notice. Trademarks are the property of Koninklijke Philips Electronics N.V. or their respective owners.

www.philips.com/lighting

2011, November 25
data subject to change